Decision Support and Data Analysis for Mission Assurance

Supporting clients through data-driven decisions that ensure mission assurance

Concurrent Technologies Corporation (CTC) has the technical and advisory expertise to design and implement effective decision support tools that leverage data on energy, water, renewables, greenhouse gases, and other sustainability metrics. Our mission is to empower decision-makers to harness the full potential of data for informed daily operations and strategic long-term planning. By identifying the most relevant data sets and ensuring data quality, we build trust in the data collection process and drive meaningful insights.

Capabilities

- Data collection, management, and quality assurance
- Visualization and dashboard design and development
- Historical trend analysis
- Regression analysis, classification and time series analysis
- Custom data tools, model development and machine learning
- Optimization, simulation, and decision analysis
- Leveraging AI to support data decision
- Predictive analytics
- Data cleaning and standardization
- Custom database solutions
- Data migration
- Data strategy development
- Workflow automation

CTC Concurrent Technologies Corporation

continued

The CTC Difference

- CTC delivers actionable insights through data visualizations and dashboards communicating potential challenges, trends, or overall performance.
- We identify trends and understand outputs to contextualize data for decision makers by collecting, interpreting and summarizing new and historical data.
- We leverage our years of experience with organizations like yours to provide strategic recommendations based on data analysis to identify gaps and optimize outcomes.
- Our tools and models are personalized to your needs and based on our understanding of your mission.
- We appreciate the importance of integrating analysis efforts around energy, water, renewables, greenhouse gases, and other sustainability data to enhance efficacy and goal tracking.
- As a recognized leader, we bring stakeholders together, so everyone is on the same page for effective shared understanding.

Project Highlights

At CTC, we deliver the right people, knowhow, and tools to ensure the highest level of decision support and data analysis for your organization.

CTC is harnessing the power of data using Power BI in fleet management to make it easy to share and communicate information within an organization. For this program, we created interactive dashboards, studies and reports that anyone can access and understand. This tool is helping our clients make quick, informed decisions based on the most current data and ensuring efficient operations and reducing downtime.

Contact

Susan Van Scoyoc, Vice President, 814-269-6892, energy@ctc.com

www.ctc.com

© 2025. Concurrent Technologies Corporation. All Rights Reserved.